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**PATENT** 

DOCKET NO.: 17517RRUS03N GBJENT NO.: NORT10-00525

Customer No.: 33000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Tarek Ibrahim et al.

Application No.

10/587,879

Filed

July 27, 2006

For

PICO CELL WIRELESS LOCAL AREA NETWORK

(WLAN)

Art Unit

2617

Examiner

Not Yet Assigned

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## **CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

The undersigned hereby certifies that the following documents:

- 1. Postcard receipt;
- 2. Information Disclosure Statement;
- 3. Forms PTO/SB/08A & B; and
- 4. Four (4) references

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, /

Robert D. McCutcheon

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Dear Sir:

## **INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement. This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The references herein are listed below and on the attached Forms PTO/SB/08A & B. Copies of the listed references are submitted herewith.

**DOCKET NO.: 17517RRUS03N APPLICATION NO.: 10/587,879** 

**PATENT** 

| Foreign Patent No.           | Country          | <u>Date</u>                        |
|------------------------------|------------------|------------------------------------|
| 1 026 910 A1<br>1 075 160 A1 | Europe<br>Europe | August 9, 2000<br>February 7, 2001 |
| 102 45 118 A1                | Germany          | April 8, 2004                      |

## **Publication**

Joe Kwak - InterDigital, "WLAN Handoff Scenarios, Example handoffs with RRM measurements and network assistance," IEEE 802-11, March 13, 2003, 13 pages.

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above Patents and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.

Respectfully submitted,

MUNCK BUTRUS, P.C.

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PTO/SB/08A (07-06)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

(Use as many sheets as necessary)

| Complete if Known      |                  |  |  |  |
|------------------------|------------------|--|--|--|
| Application Number     | 10/587,879       |  |  |  |
| Filing Date            | July 27, 2006    |  |  |  |
| First Named Inventor   | Tarek Ibrahim    |  |  |  |
| Art Unit               | 2617             |  |  |  |
| Examiner Name          | Not Yet Assigned |  |  |  |
| Attorney Docket Number | 17517RRUS03N     |  |  |  |

| U. S. PATENT DOCUMENTS        |  |  |                             |  |   |  |
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| xaminer Cite<br>nitials* No.1 |  | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |
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| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document  | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |   |
|-----------------------|--------------|--|------------------|--|---|---|
|                       |              | Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> ( <i>if known</i> ) | MM-DD-YYYY       | , ,  | Or Relevant Figures Appear                        | T |
|                       | AA           | EP 1 026 910 A1  | 08/09/2000       | NEC Corporation                                    |   |   |
|                       | AB           | EP 1 075 160 A1  | 02/07/2001       | Lucent Technologies Inc.                           |   |   |
|                       | AC           | DE 102 45 118 A1   | 04/08/2004       | Siemens AG   |   | L |
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| Examiner  | Date       |        |
| Signature | Considered |        |

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|-----------------------------------|-----------------------------------|--|------------------|------------------------|---------------|
| 7 Substitute for form 1449/710    |                                   |  |                  | Application Number     | 10/587,879    |
| INFORMATION DISCLOSURE            |                                   |  |                  | Filing Date            | July 27, 2006 |
| STATEMENT BY APPLICANT            |                                   | First Named Inventor   | Tarek Ibrahim    |                        |               |
|                                   | (Use as many sheets as necessary) |  |                  | Art Unit               | 2617          |
| (Use as many sneets as necessary) |                                   | Examiner Name  | Not Yet Assigned |                        |               |
| Sheet                             | 2                                 | of   | 2                | Attorney Docket Number | 17517RRUS03N  |

|                       |              | NON PATENT LITERATURE DOCUMENTS   |                |
|-----------------------|--------------|---|----------------|
| Examiner<br>Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                       | ВА           | Joe Kwak - InterDigital, "WLAN Handoff Scenarios, Example handoffs with RRM measurements and network assistance," IEEE 802-11, March 13, 2003, 13 pages.  |                |
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| Examiner  | * · · · · · · · · · · · · · · · · · · · | Date       |  |
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| Signature |   | Considered |  |

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<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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